REMARKS

Applicant respectfully requests reconsideration of this application as amended. Claims 19-21 and 23-57 are currently pending in this application. Claims 19, 23, 24, 25, 26, 28, 30, 32, 35, 36, and 39 have been amended.

Rejections under 35 U.S.C. §102

I.   Claims 19-21, 23-39, and 40-57 stand rejected under 35 U.S.C. §102(b) as being anticipated by Hardman et al., "Structured Multimedia Authoring." (1993)

Hardman discloses an authoring environment for constructing and playing multimedia presentations. For example, the author, a human user of the system, is able to select any object and cut, copy or paste it. The author can also play some or all of the presentation.

Claim 19, as amended, recites determining, automatically by the computer system in response to receiving the one or more user events, which events and sequences of events constitute actions. Hardman merely discloses allowing a **human user** to select any object within the hierarchy view, which the Examiner has interpreted as disclosing determining which events and sequences of events constitute actions. Nowhere does Hardman disclose determining, **automatically by a computer system** in response to receiving the one or more user events, which events and sequences of events constitute actions. Accordingly, Hardman fails to anticipate claim 19. Applicant respectfully requests that the Examiner withdraw the rejection.

Claims 35 and 36, as amended, recite determining, automatically by the computer system in response to receiving the user events, which events and sequences of events constitute actions. Accordingly, claims 35 and 36 are patentable over Hardman for similar reasons to those stated above with regard

to claim 19. Applicant respectfully requests that the Examiner withdraw the rejection.

Claim 39, as amended, recites a recorder module comprising hardware coupled to receive user events from said user interface means, said recorder module determining automatically in response to receiving the user events which events and sequences of events constitute actions and recording those actions. Accordingly, claim 39 is patentable over Hardman for similar reasons to those stated above with regard to claim 19. Applicant respectfully requests that the Examiner withdraw the rejection.

II.   Claim 23, as amended, recites automatically identifying, by the computer, a plurality of redundant determined recorded actions; summarizing automatically, by the computer, the plurality of redundant determined recorded actions to generate a summarized determined recorded action; and replacing automatically, by the computer, the plurality of redundant determined recorded actions with the summarized determined recorded action.

The Examiner cites to the following language from Hardman when rejecting claim 23: "Since the sec. 4.3, shows a user of the authorizing tool controls the selection of nodes that are chosen to play; **user can review and select, thus eliminate the redundant nodes.**" (emphasis added). As amended, claim 23 identifies, summarizes, and replaces redundant determined recorded actions **automatically, by the computer**. Hardman clearly fails to disclose this. Accordingly, claim 23 is not anticipated by Hardman. Applicant respectfully requests that the Examiner withdraw the rejection.

Claim 24, as amended, recites identifying automatically, by the computer, a plurality of redundant determined recorded actions, summarizing automatically, by the computer, the plurality of redundant determined recorded

actions to generate a summarized determined recorded action, and replacing automatically by the computer, the plurality of redundant determined recorded actions with the summarized determined recorded action. Accordingly, claim 24 is patentable over Hardman for at least the reasons stated above with regard to claim 23. Applicant respectfully requests that the Examiner withdraw the rejection.

Claim 25, as amended, recites identifying automatically, by the computer, a plurality of redundant determined recorded actions, summarizing automatically, by the computer, the plurality of redundant determined recorded actions to generate a summarized determined recorded action, and replacing automatically, by the computer, the plurality of redundant determined recorded actions with the summarized determined recorded action. Accordingly, claim 25 is patentable over Hardman for at least the reasons stated above with regard to claim 23. Applicant respectfully requests that the Examiner withdraw the rejection.

Claim 26, as amended, recites wherein the action class list is used during playback of actions, during a development of content, to identify, automatically, by the digital processing system, a plurality of redundant actions, to summarize, automatically, by the digital processing system, the plurality of redundant actions to generate a summarized action, and to replace automatically, by the digital processing system the plurality of redundant actions with a summarized action. Accordingly, claim 26 is patentable over Hardman for at least the reasons stated above with regard to claim 23. Applicant respectfully requests that the Examiner withdraw the rejection.

Claim 28, as amended, recites playing back recorded actions, during the development of the content, in chronological order on said output device, an action from said recorded actions comprising a sequence of at least one event,

wherein said at least one event is selected to constitute said action based on a preset criterion, wherein a plurality of redundant actions are automatically replaced by the computer system with a summarized action and wherein the summarized action is played back instead of the plurality of redundant actions and wherein the summarized action is generated automatically by the computer system. Accordingly, claim 28 is patentable over Hardman for at least the reasons stated above with regard to claim 23. Applicant respectfully requests that the Examiner withdraw the rejection.

Claim 30, as amended, recites playing back recorded actions, during a development of content, in chronological order on an output device, an action from said recorded actions comprising a sequence of at least one event, wherein said at least one event is selected to constitute said action based on a preset criterion, wherein a plurality of redundant actions are automatically replaced by the computer with a summarized action and wherein the summarized action is played back instead of the plurality of redundant actions and wherein the summarized action is generated automatically by the computer. Accordingly, claim 30 is patentable over Hardman for at least the reasons stated above with regard to claim 23. Applicant respectfully requests that the Examiner withdraw the rejection.

Claim 32, as amended, recites a playback module coupled to said user interface module for receiving user request for playback of recorded actions and for displaying playback of recorded actions, an action from said recorded actions comprising a sequence of at least one event, wherein said at least one event is selected to constitute said action based on a preset criterion, wherein a plurality of redundant actions is automatically replaced by the computer system with a summarized action and wherein the summarized action is played back instead of the plurality of redundant actions, said playback in response to such a user

request playing back recorded actions and wherein the summarized action is generated automatically by the computer system. Accordingly, claim 32 is patentable over Hardman for at least the reasons stated above with regard to claim 23. Applicant respectfully requests that the Examiner withdraw the rejection.

SUMMARY

Applicant respectfully submits that in view of the foregoing amendments and remarks, the pending claims are in condition for allowance.

If the Examiner determines that the prompt allowance of these claims can be expedited by a telephone conference, the Examiner is invited to contact Joe Sosinski at (408) 720-8300.

Respectfully submitted,

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